

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO.		APPLICATION NO.	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S)			
				FILING DATE		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
H.P.		JP 10-320344	12/04/1998	Japan		
H.P.		JP 05-204795	08/13/1993	Japan		
H.P.		JP 10-333845	12/18/1998	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <div style="text-align: center; font-size: 1.2em;">7/7/03</div>
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.